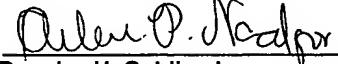


FORM PTO-1390 (REV 12-2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 60282.00232
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		DATE: January 13, 2005	
		U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.5) 10/521155	
INTERNATIONAL APPLICATION NO. PCT/IB2002/002782	INTERNATIONAL FILING DATE 16 July 2002	PRIORITY DATE CLAIMED	
TITLE OF INVENTION: OPTIMIZED ROUTING BETWEEN COMMUNICATION NETWORKS			
APPLICANT(S) FOR DO/EO/US: Markku TUOHINO and Ilkka WESTMAN			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. (THE BASIC FILING FEE IS ATTACHED) 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. 			
Items 11 - 19 below concern other document(s) or information included:			
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; Form PTO-1449 and 3 references 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 17. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19. <input checked="" type="checkbox"/> Other items or information: CHECK NO. <u>012418</u>; Formal Drawings (Figs. 1-15; 15 sheets); PCT Request; Written Opinion; Response to Written Opinion dated June 21, 2004; Form PCT/IPEA/416; Form PCT/IPEA/409; 2 Forms PCT/RO/199; Form PCT/IB/301; 2 Forms PCT/IB/306; Form PCT/IB/308; Form PCT/IB/332; International Search Report 			

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/521155		INTERNATIONAL APPLICATION NO. PCT/IB2002/002782		ATTORNEY DOCKET NO. 60282.00232	
				DATE: January 13, 2005	
20. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
Basic National Stage Fee \$300.00 <input checked="" type="checkbox"/> National Stage Search Fee \$500.00 <input checked="" type="checkbox"/> National Stage Examination Fee \$200.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 1,000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	41 - 20 =	21	X \$ 50.00	\$ 1,050.00	
Independent Claims	4 - 3 =	1	X \$ 200.00	\$ 200.00	
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		X \$250.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 2,250.00	
Reduction by one-half for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.				\$	
SUBTOTAL =				\$ 2,250.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				\$	
TOTAL NATIONAL FEE =				\$ 2,250.00	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 2,290.00	
				Amount to be refunded	\$
				Charged	\$

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 150) 10/521155	INTERNATIONAL APPLICATION NO. PCT/IB2002/002782	ATTORNEY DOCKET NO. 60282.00232
DATE: January 13, 2005		
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$2,290.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$_____ to cover the above fee. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-2222.</p>		
<p>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Customer Number 32294 SQUIRE, SANDERS & DEMPSEY LLP 8000 Towers Crescent Drive 14th Floor Tysons Corner, Virginia 22182-2700 Telephone: 703-720-7800 Fax: 703-720-7802</p>		
 <p><u>Douglas H. Goldhush</u> 43828 Reg. No. 33,125</p>		

DT07 Rec'd PCT/PTO 13 JAN 2005

MAIL STOP: PCT	Trademark <input type="checkbox"/>	Docket No. <u>60282.00232</u>
Patent <input checked="" type="checkbox"/>		
Serial No. <u>10/1521155</u>		Filed <u>January 13, 2005</u>
Applicant(s) <u>Markku TUOHINO et al.</u>		
Papers filed herewith on <u>January 13, 2005</u>		
<input checked="" type="checkbox"/> Fees \$ <u>2,290.00</u> ; Chk# <u>012418</u> <input checked="" type="checkbox"/> Assignment w/ PTO-1595 <input checked="" type="checkbox"/> New Application (69 Pages) <input checked="" type="checkbox"/> Declaration <input checked="" type="checkbox"/> Preliminary Amendment (12 Pages) <input checked="" type="checkbox"/> Notice of Appeal <input checked="" type="checkbox"/> IDS/PTO-1449 (3 Refs.) <input checked="" type="checkbox"/> Other PTO-1390 Transmittal; PCT Request; 2 Forms PCT/RO/199; Written Opinion; Form PCT/IPEA/416; Form PCT/IPEA/409; PCT/I/B/301; Form PCT/I/B/308; Form PCT/I/B/332 Response to Written Opinion dated 06/21/04; International Search Report; 2 Forms PCT/I/B/306		

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above-identified case. **EARLY NOTIFICATION OF SERIAL NUMBER**
DHG:kbd
Due Date: January 16, 2005
COMMISSIONER OF PATENTS